



1627

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/675,525

DATE: 02/14/2002

TIME: 15:17:13

Input Set : A:\-2-1.app

Output Set: N:\CRF3\02142002\I675525.raw

**Does Not Comply  
Corrected Diskette Needed**

```

3 <110> APPLICANT: Barrett, Ronald W.
4      Dower, William J.
5      Gallop, Mark
6      Woiwode, Thomas F.
7      Cwirla, Steven E.
8      XenoPort, Inc.
10 <120> TITLE OF INVENTION: Compounds Displayed on Replicable Genetic Packages and
11      Methods of Using Same
13 <130> FILE REFERENCE: 019282-000210US
15 <140> CURRENT APPLICATION NUMBER: US 09/675,525
16 <141> CURRENT FILING DATE: 2000-09-29
18 <150> PRIOR APPLICATION NUMBER: US 60/156,674
19 <151> PRIOR FILING DATE: 1999-09-29
21 <160> NUMBER OF SEQ ID NOS: 7
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 60
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
32      inserted into phagemid (gene VIII)
34 <400> SEQUENCE: 1
35 gcggccgcws sswswswsws wwwswsssg aattccctat agtgagtcgt attaaagctt 60
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 21
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
45      biotinylation substrate sequence
47 <220> FEATURE:
48 <221> NAME/KEY: MOD_RES
49 <222> LOCATION: (11)
50 <223> OTHER INFORMATION: Xaa = Lys modified by biotin
52 <400> SEQUENCE: 2
W--> 53 Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
54      1          5          10          15
56 Gly Gly Gly Gly Ser
57      20
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 63
62 <212> TYPE: DNA

```

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```

63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence:5' end of gene
67     for filamentous phage coat protein pVIII
69 <400> SEQUENCE: 3
70 ggcgggctta atgatatttt tgaggctcag aagattgagt ggcattgaggg aggcgggggt 60
71 agc                                     63
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 20
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:BirA
81     biotinylation substrate sequence
83 <400> SEQUENCE: 4
W--> 84 Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile
85     1             5             10             15
87 Glu Trp His Glu
88     20
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 71
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence:3' end of gene
98     10B major coat protein of T7 phage
100 <400> SEQUENCE: 5
101 aattctggag gcgggggtct taatgatatt tttaggctc agaagattga gtggcatgag 60
102 taagtaacta a                                     71
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 58
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence:genetic element
112     inserted into T7 phage vector
114 <400> SEQUENCE: 6
115 gcggccgcws sswswsws wwwswsssg tattctatag tgtcacctaa atctcgag 58
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 5
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence:mAb 3E7 epitope
125     peptide
127 <400> SEQUENCE: 7
128 Tyr Gly Gly Phe Leu
129     1             5

```

All "Xaa" must  
be explained in  
feature <220>-<223>  
see item # 9 on ERROR  
summary sheet

## VERIFICATION SUMMARY

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Input Set : A:\-2-1.app

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L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:84 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4  
L:84 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4